

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>			Docket Number (Optional) 3239.5US (96-1145.05/US)		Application Number Not yet assigned	
Applicant St ven G. Thumm I			Filing Date August 4, 2003		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AD	4,480,975	11/1984	Plummer et al.	—	—	
	4,861,251	08/1989	Moitzger	—	—	
	5,034,350	07/1991	Marchisi	—	—	
	5,096,853	03/1992	Yasunaga et al.	—	—	
	5,114,880	05/1992	Lin	—	—	
	5,118,271	06/1992	Baird et al.	—	—	
	5,147,815	09/1992	Casto	—	—	
	5,222,014	06/1993	Lin	—	—	
	5,239,806	08/1993	Maslakow	—	—	
	5,302,850	04/1994	Hara	—	—	
AD	5,313,365	05/1994	Pennisi et al.	—	—	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
AD		Rosato et al., Injection Molding Handbook, 1995, Chapman & Hall, pps. 285-290

EXAMINER 	DATE CONSIDERED 8/2004
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance. Include copy of this form with next communication to the applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

3239.5US (96-1145.05/US)

Application Number

Not yet assigned

Applicant

St ven G. Thummel

Filing Date August 4, 2003

Group Art Unit Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AO	5,331,205	07/1994	Primeaux	—	—	
	5,366,364	11/1994	Tanaka et al.	—	—	
	5,415,536	05/1995	Ohno	—	—	
	5,458,694	10/1995	Nuyen	—	—	
	5,488,257	01/1996	Bhattacharyya et al.	—	—	
	5,578,261	11/1996	Manzione et al.	—	—	
	5,578,333	11/1996	Schad et al.	—	—	
	5,597,643	01/1997	Weber	—	—	
	5,598,034	01/1997	Wakefield	—	—	
	5,608,262	03/1997	Degani et al.	—	—	
AO	5,609,889	03/1997	Weber	—	—	

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS

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EXAMINER



DATE CONSIDERED

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A	5,614,441	03/1997	Hosokawa et al.	—	—	
	5,615,089	03/1997	Yoneda et al.	—	—	
	5,633,019	05/1997	Clark et al.	—	—	
	5,646,829	07/1997	Sota	—	—	
	5,755,914	05/1998	Yonehara	—	—	
	5,766,535	06/1998	Ong	—	—	
	5,800,841	09/1998	Miyajima	—	—	
	5,830,781	11/1998	Acello et al.	—	—	
	5,971,734	10/1999	Moon	—	—	
	5,997,798	12/1999	Tetreault et al.	—	—	
A	6,007,317	12/1999	Mess	—	—	

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AD	6,117,382	09/2000	Thummel	—	—	
	6,287,503	09/2001	Thummel	—	—	
AD	6,332,766	12/2001	Thummel	—	—	

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